|  |               |  | 10/642,407  |   |  |                      |                      |                          | SIMMONS ET AL.                                    |                    |   |  |
|--|---------------|--|-------------|---|--|----------------------|----------------------|--------------------------|---|--------------------|---|--|
|  |               | Examiner  Robert H. Spitzer                        |             |   |  |                      |                      | Art U                    | Art Unit  |                    |   |  |
|  | 1724          |  |             |   |  |                      |                      |                          |   |                    |   |  |
| √ Rejected _ (Th                                   | rough numera  | al)  | Non-Elected |   |  | ted                  | A                    | Aı                       | ppeal   |                    |   |  |
| = Allowed ÷  |               |  | 1           | Interference                                      |  |                      | 0                    | Ob                       | jected  |                    |   |  |
|  |               |  |             |   |  |                      |                      |                          |   |                    |   |  |
| Claim Date   | Claim         | Date   | e<br>T      |   | - '  | Claim                |                      | <del></del>              | Date  |                    |   |  |
| Final Original                                     | Final         |  |             |   |  | Final                |                      |                          |   |                    |   |  |
| io 8   | <u>rr</u>   o |  |             |   |  | <u>ir</u>   <u>e</u> |                      |                          |   |                    |   |  |
| 0=   | 51            |  |             |   |  | 10                   | 1                    |                          |   |                    |   |  |
| 3  | 52            |  | $\sqcup$    | _ - -   | -   `  | 102                  |                      |                          | $\bot$  |                    | ] |  |
| <del>    3                                  </del> | 53<br>54      | ++-  | $\vdash$    |   | - 1  | 10:                  | 3                    |                          | +   | ++                 |   |  |
| 5 1  | 55            | <del></del>  | ╁┼          | -+-   | -{ .   | 10:                  |                      | <del></del>              | +-+-  |                    | { |  |
|  | 56            | <del>      -   -   -   -   -   -   -   -   -</del> | H           | +++   | 1 1  | 100                  | <u> </u>             | ++                       | +++   |                    |   |  |
| 7  | 57            |  |             |   | 1 1  | 107                  | 7                    |                          |   | <del>      -</del> |   |  |
| 8  | 58            |  |             |   | ] , [  | 108                  |                      |                          |   |                    |   |  |
| 9 10   | 59            |  | $\sqcup$    | +   | ]:"  | 109                  |                      |                          |   |                    |   |  |
| 11   | 60            |  | $\vdash$    | ++  | -  | 110                  |                      | $\rightarrow$            | -   -   -   | _                  |   |  |
| 12 1 1   | 62            |  | $\vdash$    |   | -  | 117                  | -                    |                          | -   `   -   | $\dashv \bot$      |   |  |
| 13   | 63            | <del>-     -</del>                                 | $\vdash$    | <del>                                      </del> | ┨╢   | 113                  |                      | ++                       | +++   | ++-                |   |  |
| 14   | 64            |  | H           |   | 1  | 114                  |                      |                          | +++   | +                  |   |  |
| (5) =  | 65            |  |             |   | ]  | 115                  | 5                    |                          |   |                    |   |  |
| 16   | 66            |  |             |   |  | 116                  | 3                    |                          |   |                    |   |  |
| 17 2   | 67            | -  |             | +   | 1  | 117                  | 7                    | $\perp \downarrow \perp$ | $\perp \perp \perp$                               |                    |   |  |
| 19   | 68<br>69      |  | Н           | $\dashv +$  | -  | 118                  |                      |                          |   |                    |   |  |
| 20   | 70            | <del></del>  | $\vdash$    | <del>-   </del>                                   | -  | 120                  | <del>*   </del>      | +                        | +++   |                    |   |  |
| 21   | 71            |  | $\vdash$    | +   |  | 12                   | <del>í l     l</del> |                          | <del>  -   -  </del>                              | ++-                |   |  |
| 22   | 72            |  |             |   | 1  | 122                  |                      | -                        | <del></del>                                       |                    |   |  |
| 23   | 73            |  |             |   | ] - [  | 123                  | 3                    |                          |   |                    |   |  |
| 24   | 74            |  |             |   | ] [  | 124                  |                      |                          |   |                    |   |  |
| 25 26  | 75            | - $           -$                                   | 4           | _ _   |  | 125                  | 5                    | $\dashv$                 | +   |                    |   |  |
| 27   | 76<br>77      |  | $\vdash$    |   | ┤╶┟  | 126<br>127           |                      |                          | -   |                    |   |  |
| 28   | 78            | <del>                                     </del>   | +           |   | 1  | 128                  |                      |                          | +++   |                    |   |  |
| 29   | 79            | $\dashv$   | $\dashv$    |   | 1  | 129                  |                      |                          | +++   |                    |   |  |
| 30   | 80            |  |             |   | 1. [   | 130                  |                      | 71 1                     | <del>                                      </del> |                    |   |  |
| 31   | 81            |  | $\Box$      |   | ] [  | 131                  |                      |                          |   |                    |   |  |
| 32 33  | 82            |  | 4           |   | 1  | 132                  |                      |                          | $\perp \perp \downarrow$                          |                    |   |  |
| 33 34  | 83            |  | -           |   | -  | 133<br>134           |                      |                          | - - -   |                    |   |  |
| 35   | 85            | <del>- - - </del>                                  | -           |   | 1 }  | 135                  | <del>}</del>         |                          | 1 1-1   | ++-                |   |  |
| 36   | 86            |  | $\dashv$    | + + -   |  | 136                  |                      | +                        |   | ++-                |   |  |
| 37   | 87            |  |             | TI   1  | 1  | 137                  | 1                    |                          | 1771  |                    |   |  |
| 38   | 88            |  |             |   | ] [  | 138                  | 3                    |                          |   |                    |   |  |
| 39   | 89            | -  | _ _         | $\perp$   |  | 139                  |                      | $+$ $\perp$              |   |                    |   |  |
| 40 41  | 90            |  |             |   | <b>↓</b> ↓                                   | 140                  |                      |                          |   | $\bot$             |   |  |
| 42   | 91 92         | <del>- - - </del>                                  | +           |   | ┨ ┞  | 141<br>142           | ,   -                | ++                       | +++   |                    |   |  |
| 43   | 93            | +++  | $\dashv$    | <del>-    -</del>                                 | ┨  | 142                  | <del>:   </del>      | <del>- - -</del>         | ╁┼┼   | ++                 |   |  |
| 44   | 94            | <del>     </del>                                   | +           | ++  | 1 1  | 144                  |                      | ++                       | <del>                                     </del>  | <del>   </del>     |   |  |
| 45   | 95            |  | 士           |   | j †  | 145                  |                      |                          | <del>                                     </del>  | ++-                |   |  |
| 46   | 96            |  | I           |   | ] [  | 146                  |                      |                          |   |                    |   |  |
| 47   | 97            | _ _  | _           |   | [  | 147                  |                      |                          |   |                    |   |  |
| 48   | 98            |  | _           |   | <b>↓                                    </b> | 148                  |                      | -                        | $\bot$ $\bot$ $\bot$                              | $\bot$             |   |  |

Application No.

**Index of Claims** 

Applicant(s)